

Title (en)

Transfer device and image forming apparatus including same

Title (de)

Transfervorrichtung und Bilderzeugungsgerät damit

Title (fr)

Dispositif de transfert et appareil de formation d'image l'incluant

Publication

EP 2009506 A3 20090225 (EN)

Application

EP 08156981 A 20080527

Priority

JP 2007167804 A 20070626

Abstract (en)

[origin: EP2009506A2] A transfer device (15), which transfers an image onto a recording medium (S) directly or indirectly and is included in an image forming apparatus (100), includes an endless belt member (8) extended between a drive roller (12) and a driven roller (14) and configured to receive the image from the image carrier part onto either a surface thereof or the recording medium carried on the surface thereof while moving according to rotations of the drive roller, and a rotation speed detector (170) configured to detect a rotation speed of the driven roller. An image detector (150) is provided either to the transfer device or to the image forming apparatus to detect the image formed on the endless belt member directly or the recording medium carried on the endless belt member, and disposed facing the driven roller in a circumferential direction of the endless belt member.

IPC 8 full level

G03G 15/00 (2006.01); **G03G 15/16** (2006.01)

CPC (source: EP US)

G03G 15/0131 (2013.01 - EP US); **G03G 15/1615** (2013.01 - EP US); **G03G 15/5058** (2013.01 - EP US); **G03G 2215/00059** (2013.01 - EP US); **G03G 2215/0158** (2013.01 - EP US)

Citation (search report)

- [XY] US 2006171748 A1 20060803 - INUI HIROSHI [JP], et al
- [Y] US 2004264988 A1 20041230 - KONISHI HIDEHISA [JP]
- [A] US 5768671 A 19980616 - KOMIYA KENICHI [JP], et al

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EP2420896A1; US8494422B2

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA MK RS

DOCDB simple family (publication)

EP 2009506 A2 20081231; **EP 2009506 A3 20090225**; CN 101334619 A 20081231; CN 101334619 B 20100728; JP 2009008741 A 20090115; US 2009003864 A1 20090101; US 8086155 B2 20111227

DOCDB simple family (application)

EP 08156981 A 20080527; CN 200810130516 A 20080626; JP 2007167804 A 20070626; US 14692508 A 20080626